

TREATING NEUROLOGICAL DISORDERS USING HUMAN APOPTOSIS INHIBITING PROTEIN

ABSTRACT

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The invention relates to methods of using full length amino acid sequence and cDNA sequence of protein human JNK interacting protein (hJIP1) islet brain 1 (IB1) to treat neurological disorders in human subjects. In an *in vitro* model of the apoptosis pathway, hJIP-1/IB1 inhibits phosphorylation of the transcription factor c-Jun in a dose-dependent manner.

10 The invention includes antibodies that specifically bind to hJIP-1/IB1.